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Attorney Docket No. 5051-631XX

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Robin Pierce Gardner

Confirmation No.: 8469

Serial No.: 10/820,633

Group Art Unit: 2878

Filed: April 8, 2004

For: GAMMA RAY DETECTORS HAVING IMPROVED SIGNAL-TO-NOISE RATIO  
RELATED SYSTEMS AND METHODS FOR ANALYZING BULK MATERIALS

Date: March 17, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
FOR INTERNATIONAL SEARCH REPORT**

Sir:

Attached is a Supplemental Form PTO-1449 listing documents cited in the International Search Report for the corresponding International Application Number PCT/US04/011666. Each document listed on the attached PTO-1449 was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement. A copy of any listed foreign patent document and/or non-patent literature including the Search Report, is enclosed. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the amendment by the U.S. Patent and Trademark Office of requirements under 37 C.F.R. § 1.98(a)(2)(ii) effective October 21, 2004.

It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. §1.56 and Section 609 of the MPEP.

No fee is believed due; however, the Commissioner is hereby authorized to charge any deficiency or credit any refund to Deposit Account No. 50-0220.

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Respectfully submitted,

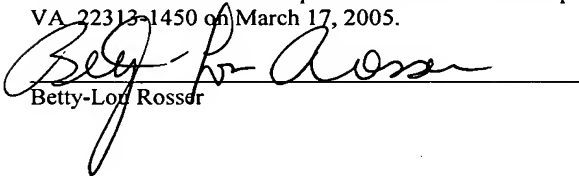


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Betty-Lou Ross

**FORM PTO-1449** U.S. Department of Commerce  
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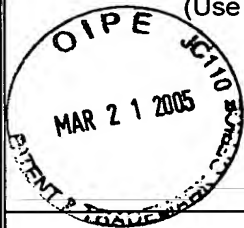
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10/820,633

**LIST OF DOCUMENTS CITED BY APPLICANT**

(Use several sheets if necessary)

C1 of C1



Applicant:  
Robin Pierce Gardner

Filing Date:  
April 8, 2004

Group:  
2878

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	2,946,888	07/26/60	Scherbatskoy	250	71.5	
	2.	2,992,331	07/11/61	Bonner et al.	250	71.5	
	3.	3,041,454	06/26/62	Jones et al.	250	71.5	
	4.	3,041,455	06/26/62	Meyerhof	250	71.5	
	5.	4,841,153	06/20/89	Wormald	250	390.04	

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation Yes   No
	6.	GB1000044	08/04/65	Great Britain	G	08	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	7.	Ember et al. "Improvement of the capabilities of PGAA by coincidence techniques", <b>Applied Radiation and Isotopes</b> 56:535-541 (2002)
	8.	Ember et al. "Coincidence measurement setup for PGAA and nuclear structure studies", <b>Applied Radiation and Isotopes</b> 57:573-577 (2002)
	9.	International Search Report for PCT/US2004/011666; Date of mailing December 29, 2004.

EXAMINER \_\_\_\_\_

DATE CONSIDERED \_\_\_\_\_

\*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.